

## STIC Database Tracking Number:

To: NEAL SEREBOFF  
Location: KNX 5A45  
Art Unit: 3600  
Date: December 23, 2009  
Case Serial Number: 10/816452

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## Search Notes

Dear Examiner **SEREBOFF**:

Please find attached the results of your search for the above-referenced case. The search was conducted in Dialog, the Internet and EBSCO HOST.

I have listed *potential* references of interest in the first part of the search results. However, please be sure to scan through the entire report. There may be additional references that you might find useful.

If you have any questions about the search, or need a refocus, please do not hesitate to contact me.

Thank you for using the EIC, and we look forward to your next search!

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A. Dialog .....	3
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# I. Potential References of Interest

## A. Dialog

27/3,K/2 (Item 2 from file: 348)  
DIALOG(R)File 348: EUROPEAN PATENTS  
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01874996

A medication administration system  
Medikament-Verabreichungssystem  
Systeme d'administration de medicament

PATENT ASSIGNEE:

Siemens Medical Solutions Health Services Corporation, (4092280), 51,  
Valley Stream Parkway, Malvern, PA 19355, (US), (Applicant designated  
States: all)

INVENTOR:

Miller, Raymond F., 25 Walnut Drive, 19352 Lincol University, PA, (US)  
Saeger, Deborah, 3004 Huron Street, 18103 Allentown, PA, (US)

LEGAL REPRESENTATIVE:

French, Clive Harry et al (91004), Siemens AG, PO Box 22 16 34, 80506  
Munchen, (DE)

PATENT (CC, No, Kind, Date): EP 1519293 A2 050330 (Basic)  
EP 1519293 A3 060308

APPLICATION (CC, No, Date): EP 2004017087 040720;

PRIORITY (CC, No, Date): US 490322 P 030725; US 742232 031219

DESIGNATED STATES: AT; BE; BG; CH; CY; CZ; DE; DK; EE; ES; FI; FR; GB; GR;  
HU; IE; IT; LI; LU; MC; NL; PL; PT; RO; SE; SI; SK; TR

EXTENDED DESIGNATED STATES: AL; HR; LT; LV; MK

INTERNATIONAL PATENT CLASS (V7): G06F-019/00

INTERNATIONAL CLASSIFICATION (V8 + ATTRIBUTES):

IPC + Level Value Position Status Version Action Source Office:

G06F-0019/00 A I F B 20060101 20041103 H EP

ABSTRACT WORD COUNT: 182

NOTE:

Figure number on first page: 8

LANGUAGE (Publication,Procedural,Application): English; English; English

FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
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CLAIMS A	(English)	200513	1207
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SPEC A	(English)	200513	4055
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Total word count - document A	5264
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Total word count - document B	0
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Total word count - documents A + B	5264
------------------------------------	------

...SPECIFICATION In response to a user such as a clinician entering a

medication order 10 for a patient, medication administration system 13 in HIS 12 schedules **delivery** of the medication to a patient. The medication schedule for the patient is available for display to a user on PC 19 and data representing...

...as a nurse or physician) recording actual time and date of administration of a medication to a patient via PC 19, for example. System 13 **automatically updates** a patient medication administration schedule maintained in HIS 12 (as part of a pharmacy management application, an **order processing** application or another application), by shifting scheduled medication administration times in response to a healthcare worker (e.g., a nurse) entering data via PC 19...

27/3,K/8 (Item 5 from file: 349)  
DIALOG(R)File 349: PCT FULLTEXT  
(c) 2009 WIPO/Thomson. All rights reserved.

00331279 \*\*Image available\*\*  
PRESCRIPTION MANAGEMENT SYSTEM  
SYSTEME DE GESTION DES PRESCRIPTIONS  
Patent Applicant/Assignee:  
MED-E-SYSTEMS CORPORATION,  
Inventor(s):  
MAYAUD Christian,  
EDELSON Jonathan,  
Patent and Priority Information (Country, Number, Date):  
Patent: WO 9613790 A1 19960509  
Application: WO 95US14118 19951027 (PCT/WO US9514118)  
Priority Application: US 94330745 19941028; US 94330939 19941028  
Designated States:  
(Protection type is "patent" unless otherwise stated - for applications prior to 2004)  
AU BR CA JP MX AT BE CH DE DK ES FR GB GR IE IT LU MC NL PT SE  
Publication Language: English  
Fulltext Word Count: 37045

Fulltext Availability:  
Detailed Description  
Claims

Claim

... prescription  
management system according to claim 1, S, 15, 24, 39 or 44 implemented on the host computer facility the host computer facility supporting network **delivery** of userrelevant components of the prescription management system to multiple remote user interface devices and providing data and communications resources for users to draw upon divided into a local **prescription** component intended for **fulfillment** at a **pharmacy** convenient to the patient and a remote **prescription**

component intended for **fulfillment** at a remote, lower cost, mail order **pharmacy**. Claim 70. A prescription management system according to Claim 69 characterized in that the local prescription component specifies an adequate prescribed drug quantity for short...line along the strip and advances individual bays containing one or more dosages for a given dosage time, and presents a single bay for external **delivery** and removal and administration in timed relationship to the dosage time and triggers one or more alerts if the dosage is not timely removed from...line along the strip and advances individual bays containing one or more dosages for a given dosage time, and presents a single bay for external **delivery** and removal and administration in timed relationship to the dosage time and triggers one or more alerts if the dosage is not timely removed from... make decisions. Such recommendations can range from patient-specific repeat or alternative treatments to general advisories derived from epidemiological outcome studies. None of the references **suggests** an **electronic** prescription system for capturing patient conditions and treatment data which is capable of creating historical records in which the target condition is recorded in association...

...Any treatment or condition data that happens to be captured is not used to drive treatment selection by the physician. Kaufman. Kaufman discloses a drug **delivery** device which is also nursing focused and provides an inventory control system to dispense drugs. Kaufmann's device is an inventory control device which dispenses ...stores bulk quantities of drugs in columns 208 inside compartments 202. Desired dosages are dispensed under control of a cpu 22 by a number of **delivery** mechanisms 206 via a chute 242 to a "medication dispenser" 244 which takes the form of a lockable tray movable between open and closed positions...

## **II. Inventor Search Results from Dialog**

28/3,K/1 (Item 1 from file: 324)  
DIALOG(R)File 324: GERMAN PATENTS FULLTEXT  
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0002052432  
VERFAHREN ZUR HERSTELLUNG EINES MEHRFACH FERMENTIERTEN MOLKEREIPRODUKTES  
Patent Applicant/Assignee:  
ROBERTS JAMES GORDEN,  
Inventor(s):  
**ROBERTS JAMES GORDEN**, US  
Patent Information (Country, Number, Kind, Date):

Patent DE 3404474 A1 19841011  
Application DE 3404474 19840208

Priority application(s): US 83482468 19830406 (Original format: US 48246883)

Publication Language: German; Application Language: German  
Fulltext Word Count (English): 9312  
Fulltext Word Count (German) : 8442  
Fulltext Word Count (Both) : 17754

Inventor(s):

**ROBERTS JAMES GORDEN...**

Legal Representative:

Fulltext Availability:

Description (English machine translation)

Claims (English machine translation)

Description (German)

Claims (English machine translation)

... and to a final product-hersteiler or a Eiskremanlage to be transported.  
Alternatively the mixture can be manufactured and be frozen in ice-kremanlage. The following **prescription** is generally used: Milk fat within the range of approximately 1.5 % to approximately 2.0 %, MSNF within the range of approximately 13 % to approximately...

28/3,K/2 (Item 1 from file: 350)  
DIALOG(R)File 350: Derwent WPIX  
(c) 2009 Thomson Reuters. All rights reserved.

0015380213 - Drawing available

WPI ACC NO: 2005-724328/200574

XRPX Acc No: N2005-595760

Workflow management method for use in pharmacy, involves estimating date and time by which drug **prescription** is available to customer, and predicting **prescription** pick up time by confirming estimated date and time

Patent Assignee: BETSES D G (BETS-I); CVS CORP (CVSC-N); ROBERTS J C (ROBE-I)

Inventor: **BETSES D G; ROBERTS J C**

Patent Family (2 patents, 2 countries)

Patent

Application

Number

Kind Date

Number

Kind Date

Update

US 20050228766 A1 20051013 US 2004816452 A 20040331 200574 B

CA 2502880 A1 20050930 CA 2502880 A 20050331 200574 E

Priority Applications (no., kind, date): US 2004816452 A 20040331

#### Patent Details

Number Kind Lan Pg Dwg Filing Notes

US 20050228766 A1 EN 33 10

CA 2502880 A1 EN

Workflow management method for use in pharmacy, involves estimating date and time by which drug **prescription** is available to customer, and predicting **prescription** pick up time by confirming estimated date and time

Inventor: **BETSES D G...**

...**ROBERTS J C**

Alerting Abstract ...NOVELTY - The method involves receiving a drug **prescription**, and estimating a date and a time by which the **prescription** is fulfilled and available to a customer. A **prescription** transaction is initiated by retrieving data from the **prescription**, and a pharmacy inventory is checked. An insurance adjudication review is obtained, and a **prescription** pick up time found by confirming the estimated date and time is predicted....a computer readable memory having a computer program for controlling workflow for processing a drug **prescription** in a pharmacy a workflow management system for controlling a fulfillment of a drug **prescription** a method for determining a **staffing** schedule for assigning persons to a transaction workflow a computer readable memory having a computer program for determining a staffing schedule for assigning persons to...  
...USE - Used for management of a workflow for processing a drug **prescription** in a pharmacy (claimed).

...

...ADVANTAGE - The method facilitates for resolving complex issues and problems arising during early processing stages that can affect processing of the **prescription** transaction well in advance, thus providing satisfactory customer pick-up times **to** meet customer expectations

Original Publication Data by Authority

Argentina

Assignee name & address:

Inventor name & address:

**BETSES D G...**

...**ROBERTS J C...**

...**Roberts, Jonathan C...**

...**Betses, Dimitri G**

Examiner:

Original Abstracts:

System and methods for processing a drug **prescription** transaction are configured **to** identify and resolve any issue or problem associated with the transaction during one or more early stages of processing. System and methods of processing the transaction handle **prescription** and customer data **entry**, pharmacy inventory check, **prescription** refill authorization check **and/or** insurance adjudication review well in advance of production and quality assurance stages by identifying and resolving any issue or problem. **Prescription** fulfillment is prioritized **and** estimated **prescription** pick-up times are predicted based on one or more outcomes of such early stage processing. Customers can be provided with realistic and relatively accurate **prescription** pick up times **that** a pharmacy can efficiently and consistently meet as a result of fulfillment prioritization. Further, system and methods for determining a staffing schedule for a workflow...

Claims:

1. A workflow management method for processing a drug **prescription** in a pharmacy **comprising** :receiving a drug **prescription**;estimating a date and a **time** by which the drug **prescription** will be fulfilled and available to a **customer**;initiating a **prescription** transaction by retrieving data from the drug **prescription**;checking **the** pharmacy inventory;obtaining an insurance adjudication review; **and**predicting a **prescription** pick up time, the predicted **prescription** pick up time being determined by one of confirming **the** estimated date and time and **resetting** the estimated date and time by which the drug **prescription** will be fulfilled and available to the customer.

35/3,K/1 (Item 1 from file: 5)

DIALOG(R)File 5: Biosis Previews(R)

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17682957 BIOSIS NO.: 200400050487

Adherence to drug-dispensation and drug-administration laws and guidelines in collegiate athletic training rooms.

AUTHOR: Kahanov Leamor (Reprint); Furst David; Johnson Sam;

**Roberts Jeff**

AUTHOR ADDRESS: Human Performance Department, San Jose State University, One Washington Square, San Jose, CA, 95192, USA\* \* USA

AUTHOR E-MAIL ADDRESS: leamor@hup.sjsu.edu

JOURNAL: Journal of Athletic Training 38 (3): p252-258 July-September 2003 2003

MEDIUM: print

ISSN: 1062-6050

DOCUMENT TYPE: Article



RECORD TYPE: Abstract  
LANGUAGE: English

...AUTHOR: **Roberts Jeff**

...ABSTRACT: III, and III/National Association of Intercollegiate Athletics;  $P < .002$ ) was significant. In most athletic training rooms, ATCs (55.9%) and students (13.3%) dispensed **prescription** drugs. In addition, ATCs in most athletic training rooms (53.8%) administered any amount of over-the-counter medication as necessary, and many did not...

DESCRIPTORS:

...MAJOR CONCEPTS: **Pharmacy--**

CHEMICALS & BIOCHEMICALS:

### III. Patent Files from Dialog

#### A. All Databases

File 324:GERMAN PATENTS FULLTEXT 1967-200951  
(c) 2009 UNIVENTIO/THOMSON  
File 348:EUROPEAN PATENTS 1978-200951  
(c) 2009 European Patent Office  
File 349:PCT FULLTEXT 1979-2009/UB= 20091217|UT= 20091210  
(c) 2009 WIPO/Thomson  
File 344:Chinese Patents Abs Jan 1985-2006/Jan  
(c) 2006 European Patent Office  
File 347:JAPIO Dec 1976-2009/Aug(Updated 091130)  
(c) 2009 JPO & JAPIO  
File 350:Derwent WPIX 1963-2009/UD= 200981  
(c) 2009 Thomson Reuters  
File 371:French Patents 1961-2002/BOPI 200209  
(c) 2002 INPI. All rts. reserv.

#### ? ds

Set	Items	Description
S1	52846	PRESCRIPTION? ?
S2	544122	DRUG OR DRUGS OR MEDICATION? ? OR RX
S3	4434505	ORDER OR ORDERS
S4	2556	(S1:S3)(5N)(FULFILLMENT OR FULFILLING)
S5	219065	(S1:S3)(5N)(PROCESS OR PROCESSING)
S6	39626	PHARMACY OR PHARMACIES
S7	10555	CHAIN()STORE? OR DRUGSTORE? OR DRUG()STORE OR FRANCHIS? OR DRUGSTORE? ? OR DRUG()STORE? ?
S8	4009	WALGREEN? OR CVS OR RITE()(AID OR AIDE)
S9	2206188	UPDATE OR UPDATES OR UPDATING OR ADJUST OR ADJUSTS OR ADJU- STING
S10	2315992	ESTIMATE OR ESTIMATES OR ESTIMATING OR ESTIMATING OR GUESS OR GUESSING OR SUGGEST OR SUGGESTS OR SUGGESTION?? OR SUGGEST-

ING OR APPROXIMAT????

S11 188915 PREDICT OR PREDICTS OR PREDICTION? ?

S12 85209 (S9:S11)(5N)(AUTOMATIC OR AUTOMATICALLY)

S13 23108 (S9:S11)(5N)(COMPUTERIS? OR COMPUTERIZ? OR AUTOMATED OR EL-  
ECTRONIC)

S14 8253 WAIT()TIME? ?

S15 25500 PROCESS()TIME? ?

S16 638 (PICK()UP())TIME? ?

S17 2135 TRANSACTION()TIME? ?

S18 714639 DELIVERY OR DELIVERIES

S19 96441 QUEUE???

S20 884 ("NO" OR LACK)(1W)(SUPPLIES OR INVENTORY OR INVENTORIES)

S21 486 INSURANCE(5N)(AUTHORIS? OR AUTHORIZ???? OR VERIFY???? OR V-  
ERIFICATION? ?)

S22 53673 BUSY

S23 2393 AU= (ROBERTS, J? OR ROBERTS J? OR BETSES, D? OR BETSES D? OR  
JONATHAN(2N)ROBERTS OR DIMITRI(2N)BETSES)

S24 220358 S4:S5

S25 794 S24(S)(S6:S8)

S26 16 S25(S)(S12:S13)

S27 8 S26(S)(S14:S21)

S28 2 S23 AND S1

S29 0 S26(S)S22

27/3,K/1 (Item 1 from file: 348)  
DIALOG(R)File 348: EUROPEAN PATENTS  
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02615076

Systems and methods for secure transaction management and electronic rights  
protection

Systeme und Verfahren zur Verwaltung sicherer Transaktionen und zum Schutz  
der elektronischen Rechte

Systemes et procedes de gestion de transactions securisees et de protection  
des droits electroniques

PATENT ASSIGNEE:

Intertrust Technologies Corp, (7745470), 955 Stewart Drive, Sunnyvale CA  
94085-3913, (US), (Applicant designated States: all)

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Spahn, Francis, J., 2410 Edwards Avenue, El Cerrito CA 94530, (US)  
Van Wie, David, M., P.O. Box 5610, Eugene OR 97405, (US)

LEGAL REPRESENTATIVE:

Williams, Michael Ian (92852), fj Cleveland 40-43 Chancery Lane, London  
WC2A 1JQ, (GB)

PATENT (CC, No, Kind, Date): EP 2015214 A2 090114 (Basic)

APPLICATION (CC, No, Date): EP 2008105555 960213;

PRIORITY (CC, No, Date): US 388107 950213

DESIGNATED STATES: AT; BE; CH; DE; DK; ES; FR; GB; GR; IE; IT; LI; LU; MC;  
NL; PT; SE

RELATED PARENT NUMBER(S) - PN (AN):

EP 861461 (EP 96922371)  
INTERNATIONAL CLASSIFICATION (V8 + ATTRIBUTES):  
IPC + Level Value Position Status Version Action Source Office:  
G06F-0021/00 A I F B 20060101 20081124 H EP  
ABSTRACT WORD COUNT: 88  
NOTE:

Figure number on first page: 80

LANGUAGE (Publication,Procedural,Application): English; English; English  
FULLTEXT AVAILABILITY:

Available Text Language Update Word Count

CLAIMS A (English) 200903 613

SPEC A (English) 200903 194827

Total word count - document A 195440

Total word count - document B 0

Total word count - documents A + B 195440

...SPECIFICATION unexploited until market realities dictate the implementation of corresponding VDE application functionality. As a result, initial product implementation investment and complexity may be limited. The **process** of "surfacing" the full range of capabilities provided by ROS 602 in terms of authoring, administrative, and artificial intelligence applications may take place over time...with limited update capabilities. SRNs permit further grouping of similar data records to speed access and increase performance.

Since VDE 100 is highly scalable, different

**electronic** appliances 600 may

**suggest** one way more than the other. For example, in limited environments like a set top, PDA, or other low end electronic appliance, the SRN scheme...virtual memory manager 580

"low level" services manager 582

internal interrupt handlers 584

BIU handler 586 (may not be present in HPE 655)

Service interrupt **queues** 588

DTD Interpreter 590.

At least parts of the kernel/dispatcher 552 are preferably stored in SPU firmware loaded into SPU ROM 532. An example...

...may support two (change pages) per data structure. This limit is easily alterable by changing the size of the swap block structure and allowing the **update** algorithm to process all of the changed pages. The "commit" process can be invoked when a swap block that references changed pages is about to...

27/3,K/2 (Item 2 from file: 348)  
DIALOG(R) File 348: EUROPEAN PATENTS  
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01874996

A medication administration system  
Medikament-Verabreichungssystem  
Systeme d'administration de medicament

PATENT ASSIGNEE:

Siemens Medical Solutions Health Services Corporation, (4092280), 51,  
Valley Stream Parkway, Malvern, PA 19355, (US), (Applicant designated  
States: all)

INVENTOR:

Miller, Raymond F., 25 Walnut Drive, 19352 Lincol University, PA, (US)  
Saeger, Deborah, 3004 Huron Street, 18103 Allentown, PA, (US)

LEGAL REPRESENTATIVE:

French, Clive Harry et al (91004), Siemens AG, PO Box 22 16 34, 80506  
Munchen, (DE)

PATENT (CC, No, Kind, Date): EP 1519293 A2 050330 (Basic)  
EP 1519293 A3 060308

APPLICATION (CC, No, Date): EP 2004017087 040720;

PRIORITY (CC, No, Date): US 490322 P 030725; US 742232 031219

DESIGNATED STATES: AT; BE; BG; CH; CY; CZ; DE; DK; EE; ES; FI; FR; GB; GR;  
HU; IE; IT; LI; LU; MC; NL; PL; PT; RO; SE; SI; SK; TR

EXTENDED DESIGNATED STATES: AL; HR; LT; LV; MK

INTERNATIONAL PATENT CLASS (V7): G06F-019/00

INTERNATIONAL CLASSIFICATION (V8 + ATTRIBUTES):

IPC + Level Value Position Status Version Action Source Office:

G06F-0019/00 A I F B 20060101 20041103 H EP

ABSTRACT WORD COUNT: 182

NOTE:

Figure number on first page: 8

LANGUAGE (Publication,Procedural,Application): English; English; English

FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS A	(English)	200513	1207
SPEC A	(English)	200513	4055
Total word count - document A			5264
Total word count - document B			0
Total word count - documents A + B			5264

...SPECIFICATION In response to a user such as a clinician entering a  
medication order 10 for a patient, medication administration system 13 in  
HIS 12 schedules **delivery** of the medication to a  
patient. The medication schedule for the patient is available for display  
to a user on PC 19 and data representing...

...as a nurse or physician) recording actual time and date of  
administration of a medication to a patient via PC 19, for example.  
System 13 **automatically updates** a  
patient medication administration schedule maintained in HIS 12 (as part  
of a pharmacy management application, an **order**  
**processing** application or another application), by  
shifting scheduled medication administration times in response to a  
healthcare worker (e.g., a nurse) entering data via PC 19...

27/3,K/3 (Item 3 from file: 348)  
DIALOG(R)File 348: EUROPEAN PATENTS  
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00803285  
SYSTEMS AND METHODS FOR SECURE TRANSACTION MANAGEMENT AND ELECTRONIC RIGHTS  
PROTECTION  
SYSTEME UND VERFAHREN FUR EIN SICHERES UBERTRAGUNGSMANAGEMENT UND  
ELEKTRONISCHERRECHTSSCHUTZ  
SYSTEMES ET PROCEDES DE GESTION SECURISEE DE TRANSACTIONS ET DE PROTECTION  
ELECTRONIQUE DES DROITS

PATENT ASSIGNEE:

Intertrust Technologies Corp, (7745470), 955 Stewart Drive, Sunnyvale CA  
94085-3913, (US), (Proprietor designated states: all)

INVENTOR:

GINTER, Karl, L., 10404 43rd Avenue, Beltsville, MD 20705, (US)  
SHEAR, Victor, H., 5203 Battery Lane, Bethesda, MD 20814, (US)  
SPAHN, Francis, J., 2410 Edwards Avenue, El Cerrito, CA 94530, (US)  
VAN WIE, David, M., P.O. Box 5610, Eugene, OR 97405, (US)

LEGAL REPRESENTATIVE:

Williams, Michael Ian et al (92852), Fj Cleveland 40-43 Chancery Lane,  
London WC2A 1JQ, (GB)

PATENT (CC, No, Kind, Date): EP 861461 A2 980902 (Basic)

EP 861461 B1 081029

WO 1996027155 960906

APPLICATION (CC, No, Date): EP 96922371 960213; WO 96US2303 960213

PRIORITY (CC, No, Date): US 388107 950213

DESIGNATED STATES: AT; BE; CH; DE; DK; ES; FR; GB; GR; IE; IT; LI; LU; MC;  
NL; PT; SE

RELATED DIVISIONAL NUMBER(S) - PN (AN):

EP 1431864 (EP 2004075701)

EP 1515216 (EP 2004078194)

EP 1531379 (EP 2004078195)

EP 1526472 (EP 2004078254)

EP 1555591 (EP 2005075672)

EP 1643340 (EP 2005077923)

EP 1662418 (EP 2006075503)

EP 1923814 (EP 2008100047)

INTERNATIONAL PATENT CLASS (V7): G06F-001/00; G06F-017/60;

INTERNATIONAL CLASSIFICATION (V8 + ATTRIBUTES):

IPC + Level Value Position Status Version Action Source Office:

G06F-0021/00 A I F B 20060101 20080416 H EP

G06Q-0010/00 A I L B 20060101 20080416 H EP

NOTE:

No A-document published by EPO

LANGUAGE (Publication,Procedural,Application): English; English; English

FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS B	(English)	200844	1509
CLAIMS B	(German)	200844	1588
CLAIMS B	(French)	200844	1692
SPEC B	(English)	200844	80774
Total word count - document A			0
Total word count - document B			85563
Total word count - documents A + B			85563

...SPECIFICATION commerce in an electronic form, that is the progressive creation of commercial relationships that form, over time, a network of interrelated agreements representing a value **chain** business model. This is achieved in part by enabling content control information to develop through the interaction of (negotiation between) securely created and independently submitted...

...as well as clearinghouse and other administrative and analysis activities employing content usage information.

VDE may be used to migrate most non-electronic, traditional information **delivery** models (including entertainment, reference materials, catalog shopping, etc.) into an adequately secure digital distribution and usage management and payment context. The distribution and financial pathways...

...consistent, secure and "trusted" architecture for distributed, asynchronous control of electronic content and/or appliance usage. VDE supports a "universe wide" environment for electronic content **delivery**, broad dissemination, usage reporting, and usage related payment activities.

VDE provides generalized configurability. This results, in part, from decomposition of generalized requirements for supporting electronic...

...usage auditing, reporting, other administration, and payment arrangements.

VDE, in its preferred embodiment, employs object software technology and uses object technology to form "containers" for **delivery** of information that is (at least in part) encrypted or otherwise secured. These containers may contain electronic content products or other electronic information and some...

...as software applications, documents, entertainment materials, and/or reference information, which may be provided to other parties.

Distribution may be by, for example, physical media **delivery**, broadcast and/or telecommunication means, and in the form of "static" files and/or streams of data. VDE may also be used, for example, for...groupings of content.

Distribution using VDE may package both the electronic content and control information into the same VDE container, and/or may involve the **delivery** to an end-user site of different pieces of the same VDE managed property from plural separate remote locations and/or in plural separate VDE content containers and/or employing plural different **delivery** means. Content control information

may be partially or fully delivered separately from its associated content to a user VDE installation in one or more VDE...

...periodic secure receipt of content usage information from said user installation, with, for example, metered information being maintained only temporarily at a local user installation.

**Delivery** means for VDE managed content may include electronic data storage means such as optical disks for delivering one portion of said information and broadcasting and...

...a given set of control information. Frequently, for a VDE application for a given content model (such as distribution of entertainment on CD-ROM, content **delivery** from an Internet repository, or electronic catalog shopping and advertising, or some combination of the above) participants would be able to securely select from amongst...

...an information product and cause the automatic display to the user of information describing search criteria hits for user selection or the automatic extraction and **delivery** of such portions to the user. VDE further supports a wide variety of predefined increment types including:

- ) bytes,
- ) images,
- ) content over time for audio or...or VDE controlled content by uncovering one or more keys). Determining whether irregular patterns (e.g. unusually high demand) of content usage, or requests for **delivery** of certain kinds of VDE controlled information during a certain time period by one or more VDE installations and/or users (including, for example, groups...

...might be "owned" by the provider after receipt and used in lieu of the availability or adequacy of electronic currency) and/or electronic currency. This **delivery** of information and payment may employ trusted VDE installation secure subsystems to securely, and in some embodiments, automatically, provide in the manner specified by said ...programs. Video production studio 204 may send these programs over lines 202, or may use other paths such as satellite link 205 and CD ROM **delivery** service 216. Video production studio 204 can send the programs directly to consumers 206, 208, 210, or it can send the programs to information utility...

...office, or it may permit only specified employees and/or groups to access certain information.

Figure 1 also shows an information **delivery** service 216 delivering electronic storage media such as "CD ROM" disks to consumers 206. Even though the electronic storage media themselves are not delivered electronically...to a VDE rights distributor 106 ("distributor") over an electronic highway 108 (or by some other path such as an optical disk sent by a **delivery** service such as U. S. mail). The content can be distributed over the same or different path used to send the "rules and controls." The...



...already been (or will in the future be) delivered. "Rules and controls" may be delivered over a path different from the one used for content **delivery**. "rules and controls" may also be delivered at some other time. The content creator 102 might deliver content to content user 112 over the electronic...different parties. Because the components forming component assemblies 690 are independently securely deliverable, they may be delivered at different times and/or by different parties ("**delivery**" may take place within a local VDE secure subsystem, that is submission through the use of such a secure subsystem of control information by a chain of content control information handling participant for the preparation of a modified control information set constitutes independent, secure **delivery**). For example, a content creator can produce a ROS 602 application that defines the circumstances required for licensing content contained within a VDE object 300...virtual memory manager 580  
 "low level" services manager 582  
 internal interrupt handlers 584  
 BIU handler 586 (may not be present in HPE 655)  
 Service interrupt **queues** 588  
 DTD Interpreter 590.  
 At least parts of the kernel/dispatcher 552 are preferably stored in SPU firmware loaded into SPU ROM 532. An example...

27/3,K/4 (Item 1 from file: 349)  
 DIALOG(R)File 349: PCT FULLTEXT  
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01817323 \*\*Image available\*\*  
 METHODS AND SYSTEMS OF SHARING POWER IN A MULTIPLE RADIO FREQUENCY NETWORK  
 NODE RFID TAG  
 PROCEDES ET SYSTEMES DE PARTAGE DE PUISSANCE DANS UNE ETIQUETTE RFID D'UN  
 NOEUD DE RESEAU DE FREQUENCES RADIO MULTIPLES  
 Patent Applicant/Assignee:  
 TEGO INC, 375 Totten Pond Road, Waltham, MA 02451, US, US (Residence), US  
 (Nationality), (For all designated states except: US)  
 Patent Applicant/Inventor:  
 BUTLER Timothy P, 285 Crescent Street, Waltham, MA 02451, US, US  
 (Residence), US (Nationality), (Designated only for: US)  
 BERRIOS Javier, 32 Beach Place, Bridgeport, CT 06604, US, US (Residence),  
 US (Nationality), (Designated only for: US)  
 BECKHARDT Steven, 221 Columbus Avenue, Apt. 403, Boston, MA 02116, US, US  
 (Residence), US (Nationality), (Designated only for: US)  
 MATS Leonid, 2 Seaport Lane, 13/F, Pittsburgh, PA 15217, US, US  
 (Residence), US (Nationality), (Designated only for: US)  
 Legal Representative:  
 NORTRUP John H et al (agent), Strategic Patents, P.c., C/o Intellevate,  
 P.o. Box 52050, Minneapolis, MN 55402, US  
 Patent and Priority Information (Country, Number, Date):  
 Patent: WO 200958778 A9 20090507 (WO 0958778)

Application: WO 2008US81455 20081028 (PCT/WO US2008081455)  
Priority Application: US 2007983193 20071028; US 2007926033 20071028; US  
2007926036 20071028; US 2007926040 20071028; US 2007926043 20071028; US  
2007926045 20071028; US 2007926050 20071028; US 200831590 20080226

Designated States:

(All protection types applied unless otherwise stated - for applications

2004+)

AE AG AL AM AO AT AU AZ BA BB BG BH BR BW BY BZ CA CH CN CO CR CU CZ DE  
DK DM DO DZ EC EE EG ES FI GB GD GE GH GM GT HN HR HU ID IL IN IS JP KE  
KG KM KN KP KR KZ LA LC LK LR LS LT LU LY MA MD ME MG MK MN MW MX MY MZ  
NA NG NI NO NZ OM PG PH PL PT RO RS RU SC SD SE SG SK SL SM ST SV SY TJ  
TM TN TR TT TZ UA UG US UZ VC VN ZA ZM ZW

(EP) AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LT LU LV MC  
MT NL NO PL PT RO SE SI SK TR

(OA) BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG

(AP) BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW

(EA) AM AZ BY KG KZ MD RU TJ TM

Publication Language: English

Filing Language: English

Fulltext Word Count: 76925

Fulltext Availability:

Detailed Description

Detailed Description

... tag 102 may continue the adjusting of the center frequency until the optimum center frequency is determined. As may be understood, the center frequency adjustment **process** may be used to **adjust** to the optimum center frequency for the object on which the RFID tag is attached.

[0073] In an embodiment in coordination to optimizing the center...after the RFID tag 102 has been associated with an object at the enterprise such as object location, object price information, storage information, date information, **delivery** information, or the like.

[00123] In an embodiment, the OTP memory may be implemented as a single memory store, as a redundant memory store, as...product and is required to be delivered to a market within a certain time period, the application server 148 may provide an alert that the **delivery** is being held up at a particular location so the enterprise may intervene to ensure its timely **delivery**.

[00182] As depicted in Fig. 1, markets 150 may include entire segments of the economy such as food management, retail general merchandise, retail service stations...number seed 818 and 844 at random times to avoid another transmission collision. For example, the second RF network node 824 may use a random **wait time** 838 before attempting to retransmit its second synchronization signal 840.

[00240] In the example of Fig. 8, the first RF network node 800 is shown

...

...bus 868 received signal may be as shown in Fig. 8. In an embodiment, the

antenna bus 868 may receive a combined synchronization signal 870,  
**wait time** 872, and a combined  
random number seed 874 from the first RF network node 800 and the second  
RF network node 824. The random number...

...a corrupt signal because of the random number seed 808 and 832 being  
transmitted at the same time. There may then be a random length  
**wait time** 878 while the first 800  
and second 824 RF network nodes wait random times to retransmit their  
signals. In an embodiment, the antenna bus 868...of the product.

But only certain enterprises may be able to read the distribution history  
of the product, the owner information, serial number information, final  
**delivery** information, or the like.

This information may be in private memory and may be encrypted, protected  
with a password, or the like.

[00277] In an...

27/3,K/5 (Item 2 from file: 349)  
DIALOG(R)File 349: PCT FULLTEXT  
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01654624 \*\*Image available\*\*

COMBINED ALGORITHMIC AND EDITORIAL-REVIEWED MOBILE CONTENT SEARCH RESULTS  
RESULTATS DE RECHERCHE DE CONTENU MOBILE DE REVUE ALGORITHMIQUE ET  
EDITORIALE COMBINEE

Patent Applicant/Assignee:

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(Residence), US (Nationality), (For all designated states except: US)

Patent Applicant/Inventor:

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DOUGHTY Dennis, 57 Perry Street, Brookline, MA 02446, US, US (Residence),  
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Legal Representative:

NORTRUP John H (agent), Strategic Patents, P.C., c/o Intellevate, P.O.  
Box 52050, Minneapolis, MN 55402, US

Patent and Priority Information (Country, Number, Date):

Patent: WO 200852205 A2-A3 20080502 (WO 0852205)

Application: WO 2007US82754 20071027 (PCT/WO US2007082754)

Priority Application: US 2006553567 20061027; US 2006553578 20061027; US  
2006553581 20061027; US 2006553587 20061027; US 2006553598 20061027; US  
2006553626 20061027; US 2006553569 20061027; US 2006553659 20061027; US

2006553713 20061027; US 2006553746 20061027

Designated States:

(All protection types applied unless otherwise stated - for applications

2004+)

AE AG AL AM AT AU AZ BA BB BG BH BR BW BY BZ CA CH CN CO CR CU CZ DE DK  
DM DO DZ EC EE EG ES FI GB GD GE GH GM GT HN HR HU ID IL IN IS JP KE KG  
KM KN KP KR KZ LA LC LK LR LS LT LU LY MA MD ME MG MK MN MW MX MY MZ NA  
NG NI NO NZ OM PG PH PL PT RO RS RU SC SD SE SG SK SL SM SV SY TJ TM TN  
TR TT TZ UA UG US UZ VC VN ZA ZM ZW

(EP) AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LT LU LV MC MT  
NL PL PT RO SE SI SK TR

(OA) BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG

(AP) BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW

(EA) AM AZ BY KG KZ MD RU TJ TM

Publication Language: English

Filing Language: English

Fulltext Word Count: 127789

Fulltext Availability:

Detailed Description

Detailed Description

... Fig. 13 illustrates a search query process based on misinformation  
entered in a mobile communication facility address bar.

[0031] Fig. 14 illustrates a search query **process**

based on misinformation entered in a mobile communication facility  
address bar.

[0032] Fig. 15 illustrates a redirection **process** based  
on misinformation entered in a mobile communication facility address bar.

[0033] Fig. 16 illustrates a mobile communication process for managing  
misinformation entered in a...news headlines relating to autoworker  
layoffs may be determined to be more relevant than headlines relating to  
currency fluctuations in China, and, thus, prioritized for  
**delivery** to the user's mobile communication facility  
102. Similarly, the parameter of the user's employer might also result in  
the generation of a search query relating to the employer's current stock  
price, and result in **delivery** of that information to  
the user's mobile communication facility 102.

[00124] In embodiments, a parameter may also relate to a user history, a  
user...

...New York City with a history of purchasing jazz recordings, may result  
in the prioritization of relevant content EFS-Web PATENTS  
JMPT-OO14-PWO

for **delivery** to the user's mobile communication  
facility 102, such as, retail establishments selling jazz recordings,  
retail establishments selling jazz recordings within New York City,  
retail...

...inferring that a five digit number is a postal zip code) and may be specific to a mobile communication facility 102, mobile subscriber characteristic 112, **delivery** facility, disambiguation facility 140, and/or parental controls 150. The wireless platform 100 may also use keyword mapping to a query classification based upon a...

...query of "screwdriver" may map onto the category "hardware." This keyword mapping may be specific to a mobile communication facility 102, mobile subscriber characteristic 112, **delivery** facility, disambiguation facility, and/or parental controls.

[00138] The results facility 148 may include general content and services, specific content catalogs, carrier premium content, carrier...

...web pages, email, IM, and chat.

27/3,K/6 (Item 3 from file: 349)  
DIALOG(R)File 349: PCT FULLTEXT  
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00892307

CAPTURE HIGHLY REFINED CLAIM EVALUATION INFORMATION ACROSS MULTIPLE WEB INTERFACES

CAPTURE D'INFORMATIONS PRECISES D'EVALUATION DE RECLAMATION SUR DES INTERFACES WEB MULTIPLES

Patent Applicant/Assignee:

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Legal Representative:

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Patent and Priority Information (Country, Number, Date):

Patent: WO 200225559 A2 20020328 (WO 0225559)

Application: WO 2001US29747 20010924 (PCT/WO US0129747)

Priority Application: US 2000667611 20000922

Designated States:

(Protection type is "patent" unless otherwise stated - for applications prior to 2004)

AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ  
EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR  
LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PH PL PT RO RU SD SE SG SI SK  
SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW

(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR

(OA) BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG

(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZW

(EA) AM AZ BY KG KZ MD RU TJ TM

Publication Language: English

Filing Language: English  
Fulltext Word Count: 9363

Fulltext Availability:  
Detailed Description  
Claims

#### Claim

... direct vendor transfer, the claim handler can arrange for fulfillment of a line item data settlement by placing an order directly with a vendor. An **order processing** screen is displayed allowing the claim handler to interface with the insurance host server 130 (step 805). The selected line item level data appears on ...

...a listing of authorized vendors for that particular type of line item data (step 810). The list of authorized vendors appears on the **order processing** screen (step 815).  
[058] The claim handler selects a particular vendor based on the list of authorized vendors previously displayed (step 820). The claim handler...

...that deductible (step 830). In addition, the claim handler can note whether the deductible needs to be collected from the claimant prior to or upon **delivery** and fulfillment of the line item data by the vendor. The claim handler authorizes the vendor transfer (step 835). When this authorization takes place, the...line item data within a particular line level that meet the authorization criteria established previously in the process (step 1035).  
[064] Once the claim handler **authorizes**, the **insurance** host server 130 examines all entries in the line item level database for that line level and preauthorizes all line item level entries meeting the...

...the fulfillment of line item data process 430. The processes follow in three major groups: vendor database processes 1100; order placement processes 1105; and **order** tracking **process** 1110. Vendor database processes 1100 consists of three processes: maintaining the preferred vendor database 1115; adding new vendors 1120; and upgrading...  
...preferred vendor status 1125. All vendor information is maintained in a vendor database residing in the mass storage of insurance host server 130. Vendor **order** placement **process** 1105 consists of three processes: faxing or e-mailing the vendor the order 1130; placing the order on a web server for vendor access...

...handler client 120 access to the vendor database on insurance host server 130. Vendors may  
t 2  
be generic vendors, a parent vendor, or a **franchise** vendor. If a vendor is a parent vendor, this indicates that they are in a **franchiser** relationship with other **franchisee** vendors. The default setting is for a

vendor to be a generic vendor. If a vendor is selected as a **franchise** vendor, the claim handler has the option of finding the parent vendor to affiliate this vendor with. The vendor database information includes the name of...The vendor then replies either by e-mail or by telephone to confirm to the insurance back office system / insurance host server combination that the

**order** has been received. [072]

**Process 1** 135 shows that an **order**

to a vendor may be placed on a web server at insurance host server 130 so that the vendor could logon from vendor system 150...

...the vendor system. The vendor system can then electronically indicate to the insurance host server 130 that such order has been received and confirmed. [074] **Process 1** 1 10

**order** tracking is dedicated to updating the insurance host server from the vendor system on the status of all placed orders. In systems consistent with the invention, the vendor system

**updates** the insurance host server via

**electronic** data interchange on the status of all currently placed orders. The vendor system indicates whether such orders are fulfilled, placed, or pending. In addition, the...

27/3,K/7 (Item 4 from file: 349)  
DIALOG(R)File 349: PCT FULLTEXT  
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00344642

SYSTEMS AND METHODS FOR SECURE TRANSACTION MANAGEMENT AND ELECTRONIC RIGHTS PROTECTION

SYSTEMES ET PROCEDES DE GESTION SECURISEE DE TRANSACTIONS ET DE PROTECTION ELECTRONIQUE DES DROITS

Patent Applicant/Assignee:

ELECTRONIC PUBLISHING RESOURCES INC,

Inventor(s):

GINTER Karl L,  
SHEAR Victor H,  
SPAHN Francis J,  
VAN WIE David M,

Patent and Priority Information (Country, Number, Date):

Patent: WO 9627155 A2 19960906

Application: WO 96US2303 19960213 (PCT/WO US9602303)

Priority Application: US 95388107 19950213

Designated States:

(Protection type is "patent" unless otherwise stated - for applications prior to 2004)

AL AM AT AU AZ BB BG BR BY CA CH CN CZ DE DK EE ES FI GB GE HU IS JP KE  
KG KP KR KZ LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE  
SG SI SK TJ TM TR TT UA UG UZ VN KE LS MW SD SZ UG AZ BY KG KZ RU TJ TM

AT BE CH DE DK ES FR GB GR IE IT LU MC NL PT SE BF BJ CF CG CI CM GA GN  
ML MR NE SN TD TG  
Publication Language: English  
Fulltext Word Count: 207972

Fulltext Availability:  
Detailed Description

Detailed Description

... and Netware); and dedicated component  
drivers for 'low end' set tops are a few of many examples  
C can be integrated in traditional and real **time**  
operating  
systems  
DistributLd  
C provides distribution of control information and reciprocal  
control information and mechanisms  
C supports conditional execution of controlled processes  
within any VDE...  
  
...environment  
C supports chains of handling and control  
222  
c management environment for distributed, occasionally  
connected but otherwise asynchronous networked database  
C real time and **time** independent data management  
C supports "agent" processes  
Trw=ar=t  
C can be seamlessly integrated into existing operating  
systems  
C can support applications not specifically...

27/3,K/8 (Item 5 from file: 349)  
DIALOG(R) File 349: PCT FULLTEXT  
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00331279 \*\*Image available\*\*  
PRESCRIPTION MANAGEMENT SYSTEM  
SYSTEME DE GESTION DES PRESCRIPTIONS  
Patent Applicant/ Assignee:  
MED-E-SYSTEMS CORPORATION,  
Inventor(s):  
MAYAUD Christian,  
EDELSON Jonathan,  
Patent and Priority Information (Country, Number, Date):  
Patent: WO 9613790 A1 19960509  
Application: WO 95US14118 19951027 (PCT/WO US9514118)



Priority Application: US 94330745 19941028; US 94330939 19941028

Designated States:

(Protection type is "patent" unless otherwise stated - for applications prior to 2004)

AU BR CA JP MX AT BE CH DE DK ES FR GB GR IE IT LU MC NL PT SE

Publication Language: English

Fulltext Word Count: 37045

Fulltext Availability:

Detailed Description

Claims

Claim

... prescription

management system according to claim 1, S, 15, 24, 39 or 44 implemented on the host computer facility the host computer facility supporting network **delivery** of userrelevant components of the prescription management system to multiple remote user interface devices and providing data and communications resources for users to draw upon divided into a

local **prescription** component intended for

**fulfillment** at a **pharmacy**

convenient to the patient and a remote **prescription**

component intended for **fulfillment** at a remote, lower

cost, mail order **pharmacy**. Claim 70. A prescription

management system according to Claim 69 characterized in that the local prescription component specifies an adequate prescribed drug quantity for short...line along the strip and advances individual bays containing one

or more dosages for a given dosage time, and presents a single bay for

external **delivery** and removal and administration in

timed relationship to the dosage time and triggers one or more alerts if

the dosage is not timely removed from...line along the strip and advances

individual bays containing one or more dosages for a given dosage time,

and presents a single bay for external **delivery** and

removal and administration in timed relationship to tile dosage time and

triggers one or more alerts if the dosage is not timely removed from...

make decisions. Such

recommendations can range from patient-specific repeat or alternative

treatments to general advisories derived from epidemiological outcome

studies. None of the references **suggests** an

**electronic** prescription system for capturing patient

conditions and treatment data which is capable of creating historical

records in which the target condition is recorded in association...

...Any treatment or condition data that happens to be captured is not used to drive treatment selection by the physician. Kaufman. Kaufman discloses

a drug **delivery** device which is also nursing focused

and provides an inventory control system to dispense drugs. Kaufmann's

device is an inventory control device which dispenses ...stores bulk

quantities of drugs in columns 208 inside compartments 202. Desired

dosages are dispensed under control of a cpu 22 by a number of

**delivery** mechanisms 206 via a chute 242 to a

"medication dispenser" 244 which takes the from of a lockable tray

movable between open and closed positions...

28/3,K/1 (Item 1 from file: 324)  
DIALOG(R)File 324: GERMAN PATENTS FULLTEXT  
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0002052432  
VERFAHREN ZUR HERSTELLUNG EINES MEHRFACH FERMENTIERTEN MOLKEREIPRODUKTES  
Patent Applicant/Assignee:

ROBERTS JAMES GORDEN,

Inventor(s):

**ROBERTS JAMES GORDEN**, US

Patent Information (Country, Number, Kind, Date):

Patent DE 3404474 A1 19841011

Application DE 3404474 19840208

Priority application(s): US 83482468 19830406 (Original format: US  
48246883)

Publication Language: German; Application Language: German

Fulltext Word Count (English): 9312

Fulltext Word Count (German) : 8442

Fulltext Word Count (Both) : 17754

Inventor(s):

**ROBERTS JAMES GORDEN...**

Legal Representative:

Fulltext Availability:

Description (English machine translation)

Claims (English machine translation)

Description (German)

Claims (English machine translation)

... and to a final product-hersteiler or a Eiskremanlage to be transported.

Alternatively the mixture can be manufactured and be frozen in

ice-kremanlage. The following **prescription** is

generally used: Milk fat within the range of approximately 1.5 % to

approximately 2.0 %, MSNF within the range of approximately 13 % to

approximately...

## YOUR CASE

28/3,K/2 (Item 1 from file: 350)  
DIALOG(R)File 350: Derwent WPIX  
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0015380213 - Drawing available

WPI ACC NO: 2005-724328/200574

XRPX Acc No: N2005-595760

Workflow management method for use in pharmacy, involves estimating date and time by which drug **prescription** is available to customer, and predicting **prescription** pick up time by confirming estimated date and time

Patent Assignee: BETSES D G (BETS-I); CVS CORP (CVSC-N); ROBERTS J C (ROBE-I)

Inventor: **BETSES D G; ROBERTS J C**

Patent Family (2 patents, 2 countries)

Patent

Application

Number	Kind	Date	Number	Kind	Date	Update
US 20050228766	A1	20051013	US 2004816452	A	20040331	200574 B
CA 2502880	A1	20050930	CA 2502880	A	20050331	200574 E

Priority Applications (no., kind, date): US 2004816452 A 20040331

#### Patent Details

Number	Kind	Lan	Pg	Dwg	Filing	Notes
--------	------	-----	----	-----	--------	-------

US 20050228766	A1	EN	33	10		
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CA 2502880	A1	EN				
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Workflow management method for use in pharmacy, involves estimating date and time by which drug **prescription** is available to customer, and predicting **prescription** pick up time by confirming estimated date and time

Inventor: **BETSES D G...**

#### ...ROBERTS J C

Alerting Abstract ...NOVELTY - The method involves receiving a drug **prescription**, and estimating a date and a time by which the **prescription** is fulfilled and available to a customer. A **prescription** transaction is initiated by retrieving data from the **prescription**, and a pharmacy inventory is checked. An insurance adjudication review is obtained, and a **prescription** pick up time found by confirming the estimated date and time is predicted....a computer readable memory having a computer program for controlling workflow for processing a drug **prescription** in a pharmacy a workflow management system for controlling a fulfillment of a drug **prescription** a method for determining a **staffing** schedule for assigning persons to a transaction workflow a computer readable memory having a computer program for determining a staffing schedule for assigning persons to...

...USE - Used for management of a workflow for processing a drug **prescription** in a pharmacy (claimed).

...

...ADVANTAGE - The method facilitates for resolving complex issues and problems arising during early processing stages that can affect processing of the **prescription** transaction well in advance, thus providing satisfactory customer pick-up times to meet customer expectations

Original Publication Data by Authority

Argentina

Assignee name & address:

Inventor name & address:

**BETSES D G...**

**...ROBERTS J C...**

**...Roberts, Jonathan C...**

**...Betses, Dimitri G**

Examiner:

Original Abstracts:

System and methods for processing a drug **prescription** transaction are configured **to** identify and resolve any issue or problem associated with the transaction during one or more early stages of processing. System and methods of processing the transaction handle **prescription** and customer data **entry**, pharmacy inventory check, **prescription** refill authorization check **and/or** insurance adjudication review well in advance of production and quality assurance stages by identifying and resolving any issue or problem. **Prescription** fulfillment is prioritized **and** estimated **prescription** pick-up times **are** predicted based on one or more outcomes of such early stage processing. Customers can be provided with realistic and relatively accurate **prescription** pick up times **that** a pharmacy can efficiently and consistently meet as a result of fulfillment prioritization. Further, system and methods for determining a staffing schedule for a workflow...

Claims:

**1.** A workflow management method for processing a drug **prescription** in a pharmacy **comprising** :receiving a drug **prescription**;estimating a date and a **time** by which the drug **prescription** will be fulfilled and available to a **customer**;initiating a **prescription** transaction by retrieving data from the drug **prescription**;checking **the** pharmacy inventory;obtaining an insurance adjudication review; **and**predicting a **prescription** pick up time, the predicted **prescription** pick up time being determined by one of confirming **the** estimated date and time and **resetting** the estimated date and time by which the drug **prescription** will be fulfilled and available to the customer.

## **IV. Text Search Results from Dialog**

### **A. Abstract Databases**

File 2:INSPEC 1898-2009/Dec W2  
(c) 2009 The IET  
File 35:Dissertation Abs Online 1861-2009/Nov  
(c) 2009 ProQuest Info&Learning  
File 65:Inside Conferences 1993-2009/Dec 23  
(c) 2009 BLDSC all rts. reserv.  
File 99:Wilson Appl. Sci & Tech Abs 1983-2009/Nov  
(c) 2009 The HW Wilson Co.  
File 474:New York Times Abs 1969-2009/Dec 23  
(c) 2009 The New York Times  
File 475:Wall Street Journal Abs 1973-2009/Dec 23  
(c) 2009 The New York Times  
File 583:Gale Group Globalbase(TM) 1986-2002/Dec 13  
(c) 2002 Gale/Cengage  
File 5:Biosis Previews(R) 1926-2009/Dec W2  
(c) 2009 The Thomson Corporation  
File 73:EMBASE 1974-2009/Dec 23  
(c) 2009 Elsevier B.V.  
File 155:MEDLINE(R) 1950-2009/Dec 09  
(c) format only 2009 Dialog  
File 34:SciSearch(R) Cited Ref Sci 1990-2009/Dec W3  
(c) 2009 The Thomson Corp  
File 434:SciSearch(R) Cited Ref Sci 1974-1989/Dec  
(c) 2006 The Thomson Corp

**? ds**

Set	Items	Description
S1	204422	PRESCRIPTION? ?
S2	12824440	DRUG OR DRUGS OR MEDICATION? ? OR RX
S3	4727866	ORDER OR ORDERS
S4	981	(S1:S3)(5N)(FULFILLMENT OR FULFILLING)
S5	110750	(S1:S3)(5N)(PROCESS OR PROCESSING)
S6	245366	PHARMACY OR PHARMACIES
S7	33753	CHAIN()STORE? OR DRUGSTORE? OR DRUG()STORE OR FRANCHIS? OR DRUGSTORE? ? OR DRUG()STORE? ?
S8	25398	WALGREEN? OR CVS OR RITE()(AID OR AIDE)
S9	528873	UPDATE OR UPDATES OR UPDATING OR ADJUST OR ADJUSTS OR ADJU- STING
S10	11865744	ESTIMATE OR ESTIMATES OR ESTIMATING OR ESTIMATING OR GUESS OR GUESSING OR SUGGEST OR SUGGESTS OR SUGGESTION?? OR SUGGEST- ING OR APPROXIMAT????
S11	2122310	PREDICT OR PREDICTS OR PREDICTION? ?
S12	13123	(S9:S11)(5N)(AUTOMATIC OR AUTOMATICALLY)
S13	27878	(S9:S11)(5N)(COMPUTERIS? OR COMPUTERIZ? OR AUTOMATED OR EL- ECTRONIC)
S14	2335	WAIT()TIME? ?
S15	6063	PROCESS()TIME? ?

S16 46 (PICK()UP())TIME? ?  
 S17 473 TRANSACTION()TIME? ?  
 S18 1026605 DELIVERY OR DELIVERIES  
 S19 64248 QUEUE???  
 S20 459 ("NO" OR LACK)(1W)(SUPPLIES OR INVENTORY OR INVENTORIES)  
 S21 366 INSURANCE(5N)(AUTHORIS? OR AUTHORIZ???? OR VERIFY???? OR V-  
 ERIFICATION? ?)  
 S22 22902 BUSY  
 S23 29839 AU= (ROBERTS, J? OR ROBERTS J? OR BETSES, D? OR BETSES D? OR  
 JONATHAN(2N)ROBERTS OR DIMITRI(2N)BETSES)  
 S24 111564 S4:S5  
 S25 4515 S24 AND (S6:S8)  
 S26 8 S25 AND (S12:S13)  
 S27 3 S26 AND (S14:S22)  
 S28 1 RD (unique items)  
 S29 7 S26 NOT S28  
 S30 6 RD (unique items)  
 S31 39 S23 AND S1  
 S32 27 RD (unique items)  
 S33 21 S32 NOT PY> 2004  
 S34 0 S33 AND (S4:S5)  
 S35 1 S33 AND (S6:S8)

28/3,K/1 (Item 1 from file: 73)  
 DIALOG(R)File 73: EMBASE  
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0079580662 EMBASE No: 2003287918

Computerized physician order entry, a tool for added safety in the hospital

La prescription medicale informatisee des medicaments, outil de securite sanitaire a l'hôpital

Westphal J.-F.; Farinotti R.

Hopitaux Comite du Medicament, E. P. S. Alsace Nord, Brumath (67), France  
 ; U. de Med. Geriat. Comite Medicament, Etablissement Pub. de S. Alsace Nord, BP 83, 67170 Brumath Cedex, France

CORRESP. AUTHOR/AFFIL: Westphal J.-F.: U. de Med. Geriat. Comite Medicament, Etablissement Pub. de S. Alsace Nord, BP 83, 67170 Brumath Cedex, France

Presse Medicale ( Presse Med. ) (France) July 12, 2003, 32/24 (1138-1146)

CODEN: PRMEE ISSN: 0755-4982

DOCUMENT TYPE: Journal; Review RECORD TYPE: Abstract

LANGUAGE: French SUMMARY LANGUAGE: English; French

NUMBER OF REFERENCES: 53

...and validation. The computerized drug network also permits the development of other functions. A tool for safety. Currently available reports in the literature suggest that **computerized** drug prescription reduces the incidence of prescribing errors, improves the

appropriateness of drug choices, optimises therapeutic follow-up, and reduces the incidence adverse drug events...

30/3,K/1 (Item 1 from file: 2)  
DIALOG(R)File 2: INSPEC  
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11330113

Title: Applications of the fuzzy immune PID control and the genetic algorithm in the automated **pharmacy** system

Authors(s): Xuefeng Zhao; Chao Yun; Yuanyuan Wang; Wei Wang

Author Affiliation: Sch. of Mech. Eng. & Autom., Beihang Univ., Beijing, China

Book Title: Intelligent Robotics and Applications. Proceedings First International Conference, ICIRA 2008

Inclusive Page Numbers: 1163-72

Publisher: Springer-Verlag, Berlin

Country of Publication: Germany

Publication Date: 2008

Conference Title: Intelligent Robotics and Applications. First International Conference, ICIRA 2008

Conference Date: 15-17 Oct. 2008

Conference Location: Wuhan, China

ISBN: 978-3-540-88516-0

Part: pt.2

Language: English

Subfile(s): C (Computing & Control Engineering); E (Mechanical & Production Engineering)

INSPEC Update Issue: 2008-050

Copyright: 2008, The Institution of Engineering and Technology

Title: Applications of the fuzzy immune PID control and the genetic algorithm in the automated **pharmacy** system

Abstract: In order to solve the existing problems such as inefficiency **prescription-processing** and high errors in hospitals, the automated **pharmacy** system is developed, which actualizes the automation of medicines-filling, medicines-storage and medicines-dispensing. Medicines are dispensed by the lifter system, which possess the...

...of fuzzy logic ratiocination. The academic analysis and simulation results indicate the validity of the controller. The storage and retrieval efficiency is crucial factor in **estimating** the performance of the **automated pharmacy**. The scheduling policy, a multi-objective optimization, is proposed and solved by the genetic algorithm. Experiment results and computer simulations have proved the feasibility and...

...strategy in dynamic allocating the storage-positions and ensure the smoothness of filling and dispensing. So the good performance and high efficiency of the automated **pharmacy** system are

achieved.

Identifiers: fuzzy immune PID control; genetic algorithm; automated **pharmacy** system; medicines-filling; medicines-storage  
; medicines-dispensing; lifter system; adaptive control; immune feedback  
; fuzzy logic ratiocination; storage efficiency; retrieval efficiency;  
scheduling; multiobjective optimization; dynamic allocation

30/3,K/2 (Item 1 from file: 35)  
DIALOG(R)File 35: Dissertation Abs Online  
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01902369 ORDER NO: AADAA-I3060335

The efficacy of individual differences in automatic and controlled  
information processing and stress responses in predicting

**pharmacy** errors

Author: Reilley, Sean Patrick

Degree: Ph.D.

Year: 2002

Corporate Source/Institution: University of Cincinnati (0045)

Source: VOLUME 63/07-B OF DISSERTATION ABSTRACTS INTERNATIONAL.

PAGE 3491. 73 PAGES

ISBN: 0-493-75778-3

The efficacy of individual differences in automatic and controlled  
information processing and stress responses in predicting

**pharmacy** errors

The relationships between attentional variables and  
information-processing demands of **pharmacy** dispensing  
tasks that contribute to difficulties with their cognitive performance are  
not well-known. In the present study, a psychological approach to medical  
dispensing errors...

...model (Grasha & O'Neill, 1996), was employed to evaluate the  
contributions of individual differences in attention and alterations in  
visual task information on simulated **pharmacy**  
verification performance, perceived workload, and self-reported stress.  
Seventy-three college-age volunteers completed a pretest battery containing  
measures of automatic and controlled information processing, and, one-week  
later, spent 265-minutes completing the end visual inspection  
**process** for 200 pre-assembled, simulated  
**prescriptions**, 27% of which contained artificially  
inserted errors. Evidence **suggesting** that both  
**automatic** and controlled information processing underlie  
performance of a simulated verification task was obtained in the present  
study. Experimental alterations in the visual clarity of critical...

...three-tier behavioral framework offered by Matthews, Davies, Westerman,



& Stammers (2000) for predicting behaviors along the automatic-controlled distinction and with data from prior **pharmacy** work.

30/3,K/3 (Item 1 from file: 73)  
DIALOG(R)File 73: EMBASE  
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0082905665 EMBASE No: 2009129400  
Effect of computer order entry on prevention of serious medication errors  
in hospitalized children  
Walsh K.E.; Landrigan C.P.; Adams W.G.; Vinci R.J.; Chessare J.B.; Cooper  
M.R.; Hebert P.M.; Schainker E.G.; McLaughlin T.J.; Bauchner H.  
Department of Pediatrics, University of Massachusetts, Medical School,  
Worcester, MA; Department of Pediatrics, Boston University, School of  
Medicine, Boston, MA; Department of Pediatrics, UMass Medical Center, 55  
North Lake St., Worcester, MA 01655  
AUTHOR EMAIL: walshk02@umhmc.org  
CORRESP. AUTHOR/AFFIL: Walsh K. E.: Department of Pediatrics, UMass  
Medical Center, 55 North Lake St., Worcester, MA 01655  
CORRESP. AUTHOR EMAIL: walshk02@umhmc.org

Pediatrics ( Pediatrics ) (United States) March 1, 2008, 121/3  
(e421-e427)  
CODEN: PEDIA ISSN: 0031-4005 eISSN: 1098-4275  
DOI: 10.1542/peds.2007-0220  
URL: <http://pediatrics.aappublications.org/cgi/reprint/121/3/e421>  
DOCUMENT TYPE: Journal; Article RECORD TYPE: Abstract  
LANGUAGE: English SUMMARY LANGUAGE: English  
NUMBER OF REFERENCES: 23  
OBJECTIVE. Although initial research **suggests** that  
**computerized** physician order entry reduces pediatric  
medication errors, no comprehensive error surveillance studies have  
evaluated the effect of computerized physician order entry on children. Our  
objective...

MEDICAL DESCRIPTORS:  
\*information **processing**; \***medication**  
error

ORIG. DESCRIPTORS:

SECTION HEADINGS:

Pediatrics and Pediatric Surgery  
Biophysics, Bioengineering and Medical Instrumentation  
Health Policy, Economics and Management  
Drug Literature Index  
**Pharmacy**

30/3,K/4 (Item 1 from file: 155)  
DIALOG(R)File 155: MEDLINE(R)  
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15617579 PMID: 14604036

Automatic-controlled information processing and error detection in a simulated **pharmacy**-verification task.

Reilly Sean; Grasha Anthony F; Matthews Gerald; Schafer John  
Department of Psychology, Morehead State University, KY 40351, USA.  
s.reilley@morehead-st.edu

Perceptual and motor skills (United States) Aug 2003, 97 (1) p151-74  
, ISSN 0031-5125--Print Journal Code: 0401131

Publishing Model Print

Document type: Journal Article; Research Support, Non-U.S. Gov't

Languages: ENGLISH

Main Citation Owner: NLM

Record type: MEDLINE; Completed

Automatic-controlled information processing and error detection in a simulated **pharmacy**-verification task.

The relationships between attentional variables and information-processing demands of **pharmacy** dispensing tasks that contribute to difficulties in cognitive performance are not well-known. In the present study, a psychological approach to medical dispensing errors, the cognitive-systems performance model of Grasha, was employed to evaluate the contributions of individual differences in attention and alterations in visual task information on simulated **pharmacy** -verification performance, perceived workload, and self-reported stress. 73 college-age volunteers completed a pretest battery containing psychological measures of automatic and controlled information processing, and one-week later spent 265 min. completing the end visual-inspection **process** for 200 simulated **prescriptions**, 27% of which contained artificially inserted errors. Evidence **suggesting** that both **automatic** and controlled processes underlie performance of a simulated **pharmacy**-verification task was obtained. Individual differences in controlled information processing were mildly predictive of detection accuracy, while contrary to expectations, automatic processing scores did not...

Descriptors: \*Automatic Data **Processing**; \*  
**Medication** Errors--statistics and numerical data--SN; \*  
**Pharmacy**--statistics and numerical data--SN; \*Signal  
Detection, Psychological

30/3,K/5 (Item 2 from file: 155)  
DIALOG(R)File 155: MEDLINE(R)  
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15514621 PMID: 12947748

[Computerized physician order entry, a tool for added safety in the hospital]

La prescription medicale informatisee des medicaments, outil de securite sanitaire a l'hopital.

Westphal Jean-Frederic; Farinotti Robert

Unite de medecine geriatrique Comite du medicament Etablissement public de sante Alsace Nord, BP 83, 67170 Brumath.

Presse medicale (Paris, France - 1983) (France) Jul 12 2003, 32 (24)

p1138-46, ISSN 0755-4982--Print Journal Code: 8302490

Publishing Model Print

Document type: English Abstract; Journal Article

Languages: FRENCH

Main Citation Owner: NLM

Record type: MEDLINE; Completed

... medication ordering by the physician is handwritten, without nominative recapitulating prescriptions, and followed by nurse transcriptions and a global medication order is transmitted to the **pharmacy**. This system does not integrate the pharmaceutical analysis of the prescription, before distribution of the **drugs**. THE COMPUTERIZED **DRUG**

**ORDER ENTRY PROCESS:** The **prescription** is entered directly and is displayed on the computer screen, together with the previous prescriptions for the same patient. Transcription is hence eliminated. Depending on...

... drug administration and validation. The computerized drug network also permits the development of other functions. A TOOL FOR SAFETY: Currently available reports in the literature **suggest** that **computerized** drug prescription reduces the incidence of prescribing errors, improves the appropriateness of drug choices, optimises therapeutic follow-up, and reduces the incidence adverse drug events...

Descriptors: \*Automatic Data **Processing**; \*Computers;

\* Consumer Product Safety; \* **Drug Prescriptions&I**  
**t;/ B> ; \* Hospitals**

30/3,K/6 (Item 3 from file: 155)  
DIALOG(R)File 155: MEDLINE(R)  
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07601504 PMID: 6437217

How to establish a pharmacokinetics consulting service for ambulatory patients.

Robinson J D; Lopez L M; Stewart W L  
American journal of hospital pharmacy (UNITED STATES) Oct 1984, 41  
(10) p2048-53, ISSN 0002-9289--Print Journal Code: 0370474  
Publishing Model Print  
Document type: Journal Article  
Languages: ENGLISH  
Main Citation Owner: NLM  
Record type: MEDLINE; Completed

... The pharmacist intervention may be restricted to technical interpretation of serum drug concentration data, or it can include advice based on the patient's disease **process**, **drug** effects, and the interaction between the two. In the service described, a patient interview, a chart review, drug analysis, and a written consultation were provided...

... drug concentrations should be doubled and the institution's estimated rate of collection should be used. After the service is established, the cost of a **computerized** system for pharmacokinetic **predictions** may be justified by the increased efficiency of such a system.

Descriptors: \*Outpatient Clinics, Hospital --organization and administration--OG; \*Pharmaceutical Preparations--metabolism--ME; \*Pharmacology, Clinical--methods--MT; \***Pharmacy** Service, Hospital --organization and administration--OG

35/3,K/1 (Item 1 from file: 5)  
DIALOG(R)File 5: Biosis Previews(R)  
(c) 2009 The Thomson Corporation. All rights reserved.

17682957 BIOSIS NO.: 200400050487  
Adherence to drug-dispensation and drug-administration laws and guidelines in collegiate athletic training rooms.  
AUTHOR: Kahanov Leamor (Reprint); Furst David; Johnson Sam;  
**Roberts Jeff**  
AUTHOR ADDRESS: Human Performance Department, San Jose State University, One Washington Square, San Jose, CA, 95192, USA\* \* USA  
AUTHOR E-MAIL ADDRESS: leamor@hup.sjsu.edu  
JOURNAL: Journal of Athletic Training 38 (3): p252-258 July-September 2003  
2003  
MEDIUM: print  
ISSN: 1062-6050  
DOCUMENT TYPE: Article  
RECORD TYPE: Abstract  
LANGUAGE: English

...AUTHOR: **Roberts Jeff**

...ABSTRACT: III, and III/National Association of Intercollegiate Athletics;  $P < .002$ ) was significant. In most athletic training rooms, ATCs (55.9%) and students (13.3%) dispensed **prescription** drugs. In addition, ATCs in most athletic

training rooms (53.8%) administered any amount of over-the-counter medication as necessary, and many did not...

DESCRIPTORS:

...MAJOR CONCEPTS: **Pharmacy**--

CHEMICALS & BIOCHEMICALS:

## V. Text Search Results from Dialog

### A. Full Text Databases

File 9:Business & Industry(R) Jul/1994-2009/Dec 22  
(c) 2009 Gale/Cengage  
File 16:Gale Group PROMT(R) 1990-2009/Dec 23  
(c) 2009 Gale/Cengage  
File 20:Dialog Global Reporter 1997-2009/Dec 22  
(c) 2009 Dialog  
File 15:ABI/Inform(R) 1971-2009/Dec 22  
(c) 2009 ProQuest Info&Learning  
File 148:Gale Group Trade & Industry DB 1976-2009/Dec 23  
(c) 2009 Gale/Cengage  
File 160:Gale Group PROMT(R) 1972-1989  
(c) 1999 The Gale Group  
File 275:Gale Group Computer DB(TM) 1983-2009/Nov 19  
(c) 2009 Gale/Cengage  
File 610:Business Wire 1999-2009/Dec 23  
(c) 2009 Business Wire.  
File 613:PR Newswire 1999-2009/Dec 23  
(c) 2009 PR Newswire Association Inc  
File 621:Gale Group New Prod.Annou.(R) 1985-2009/Nov 11  
(c) 2009 Gale/Cengage  
File 636:Gale Group Newsletter DB(TM) 1987-2009/Nov 25  
(c) 2009 Gale/Cengage  
File 634:San Jose Mercury Jun 1985-2009/Dec 20  
(c) 2009 San Jose Mercury News  
File 810:Business Wire 1986-1999/Feb 28  
(c) 1999 Business Wire  
File 813:PR Newswire 1987-1999/Apr 30  
(c) 1999 PR Newswire Association Inc  
File 149:TGG Health&Wellness DB(SM) 1976-2009/Nov W3  
(c) 2009 Gale/Cengage  
File 444:New England Journal of Med. 1985-2009/Dec W2  
(c) 2009 Mass. Med. Soc.

**? ds**

Set	Items	Description
S1	884382	PRESCRIPTION? ?
S2	6027504	DRUG OR DRUGS OR MEDICATION? ? OR RX
S3	18400416	ORDER OR ORDERS
S4	98447	(S1:S3)(5N)(FULFILLMENT OR FULFILLING)
S5	391797	(S1:S3)(5N)(PROCESS OR PROCESSING)
S6	760089	PHARMACY OR PHARMACIES
S7	2301506	CHAIN()STORE? OR DRUGSTORE? OR DRUG()STORE OR FRANCHIS? OR DRUGSTORE? ? OR DRUG()STORE? ?

S8 209288 WALGREEN? OR CVS OR RITE() (AID OR AIDE)  
 S9 7446864 UPDATE OR UPDATES OR UPDATING OR ADJUST OR ADJUSTS OR ADJUSTING  
 S10 16883092 ESTIMATE OR ESTIMATES OR ESTIMATING OR ESTIMATING OR GUESS OR GUESSING OR SUGGEST OR SUGGESTS OR SUGGESTION?? OR SUGGESTING OR APPROXIMAT????  
 S11 3280661 PREDICT OR PREDICTS OR PREDICTION? ?  
 S12 117610 (S9:S11)(5N)(AUTOMATIC OR AUTOMATICALLY)  
 S13 63438 (S9:S11)(5N)(COMPUTERIS? OR COMPUTERIZ? OR AUTOMATED OR ELECTRONIC)  
 S14 30696 WAIT() TIME? ?  
 S15 9473 PROCESS() TIME? ?  
 S16 1827 (PICK() UP)() TIME? ?  
 S17 10621 TRANSACTION() TIME? ?  
 S18 5338844 DELIVERY OR DELIVERIES  
 S19 392814 QUEUE???  
 S20 21569 ("NO" OR LACK)(1W)(SUPPLIES OR INVENTORY OR INVENTORIES)  
 S21 17236 INSURANCE(5N)(AUTHORIS? OR AUTHORIZ???? OR VERIFY???? OR VERIFICATION? ?)  
 S22 1504101 BUSY  
 S23 9098 AU= (ROBERTS, J? OR ROBERTS J? OR BETSES, D? OR BETSES D? OR JONATHAN(2N) ROBERTS OR DIMITRI(2N) BETSES)  
 S24 468449 S4:S5  
 S25 18749 S24(S)(S6:S8)  
 S26 36 S25(S)(S12:S13)  
 S27 6 S26(S)(S14:S22)  
 S28 5 RD (unique items)  
 S29 0 S23(S)S1  
 S30 0 S23(S)S2

?

28/3,K/1 (Item 1 from file: 20)  
 DIALOG(R)File 20: Dialog Global Reporter  
 (c) 2009 Dialog. All rights reserved.

56686059 (USE FORMAT 7 OR 9 FOR FULLTEXT)  
 Hospira, Inc. 2007 Investor Day - Part 3  
 FAIR DISCLOSURE WIRE  
 June 06, 2007  
 JOURNAL CODE: WFDW LANGUAGE: English RECORD TYPE: FULLTEXT  
 WORD COUNT: 4296

... is automatically communicated to the server. This not only ensures real-time patient data for review and reporting purposes, it also enables the hospital to update their electronic</B&G process and makes medication delivery even safer for patients, and that makes life easier for our customers. MedNet works with our Symbiq and Plum A+ general infusion pump, also available with Hospira's LifeCare PCA, our Patient Controlled pain management pump. LifeCare PCA is the only pain management

medication delivery system in the industry with a built-in barcode reader that scans the barcode medication vials used at the pump. This adds an extra layer...

28/3,K/2 (Item 2 from file: 20)  
DIALOG(R)File 20: Dialog Global Reporter  
(c) 2009 Dialog. All rights reserved.

52684918  
HARTCOURT COMPANIES INC  
EDGAR ONLINE  
November 15, 2006  
JOURNAL CODE: CXEO LANGUAGE: English RECORD TYPE: FULLTEXT  
WORD COUNT: 2595

... accounted for approximately 25% of our revenue; Aiwei, a second tier distributor, which accounted for approximately 9% of our revenue; Hongtuo Sanbao, a mega consumer electronic chain store, which accounted for approximately 7% of our revenue; and, Zhanqi, a distributor, which accounted for approximately 6% of our revenue. During the quarter ended August 31, 2005 no other...

28/3,K/3 (Item 3 from file: 20)  
DIALOG(R)File 20: Dialog Global Reporter  
(c) 2009 Dialog. All rights reserved.

37562952  
Turn digital summer memories into print - AOL Canada unveils enhanced online photo services  
CANADA NEWSWIRE  
September 01, 2004  
JOURNAL CODE: WCNW LANGUAGE: English RECORD TYPE: FULLTEXT  
WORD COUNT: 748

... to quickly find and view all of the pictures stored on their computer and on the AOL service. - Picture Editor: Allows Members to edit and automatically enhance photos by adjusting  
It;/B> brightness, correcting red eye, converting to sepia or monochrome, cropping images. - Personal Screensavers and Slide Shows: Give Members creative ways to display their favourite images...



28/3,K/4 (Item 1 from file: 613)  
DIALOG(R)File 613: PR Newswire  
(c) 2009 PR Newswire Association Inc. All rights reserved.

00691300 20011217HSM017 (USE FORMAT 7 FOR FULLTEXT)  
RTIN Holdings, Inc. Acquires MedEx Systems & Pegasus Pharmacy  
PR Newswire  
Monday, December 17, 2001 08:31 EST  
JOURNAL CODE: PR LANGUAGE: ENGLISH RECORD TYPE: FULLTEXT  
DOCUMENT TYPE: NEWSWIRE  
WORD COUNT: 1,032

TEXT:

RTIN Holdings (OTC Bulletin Board: RTNH) announced, that it has acquired the stock of MedEx Systems Inc. ("MedEx") & Pegasus Pharmacy Inc. ("Pegasus"), two privately held corporations. RTIN Holdings paid the cash equivalent of \$25 Million of RTHN common stock for its 100% ownership of MedEx...

...medical staffs, insurers and patients. The success of the roll out of the MedEx wireless electronic medical prescription writing devices in concert with the automatic fulfillment of prescription drugs at Pegasus Pharmacy in the New Orleans market has positioned the new combined organizations as a market leader in the burgeoning and underserved \$100 billion pharmacy industry. Subsequent to proving the remarkable effectiveness of this new system at Louisiana State University, Tulane University, Veterans Administration Hospital, The University of New Orleans...

...Pain Mastery Center of Louisiana), and East Jefferson General Hospital, the Company is fast tracking expansion into 28 additional major US markets, with 33 new pharmacies scheduled to open in 2002 beginning with stores already under way in Baton Rouge, LA and Longview, TX with Houston and Dallas, TX next in...

...practice. The system allows the physician to order and confirm prescriptions in seconds with a few keystrokes, and the secure wireless aspects of the technology automatically updates client files on the fly. At a cost to the

physician of approximately \$99.95 per month, the system saves considerable time, reduces errors, which may lower liability insurance costs, and eliminates the burdensome process of telephone verification of prescriptions with pharmacists.

The prescription can be automatically forwarded to a Pegasus Pharmacy for fulfillment. After leaving the physician's office the patient can stop by a Pegasus Pharmacy or arrange to have the prescription delivered. The Pegasus Pharmacy concept is unique. These small facilities containing approximately 2,000 square feet, deal exclusively in filled scripts prescribed by up to 20 physicians in a...

...pain management. These physicians deal extensively in controlled substances. This is a unique and severely underserved niche market. There is a pervasive reluctance among many pharmacies to carry and dispense a large percentage of pain medications. This practice has created unnecessary hardships and barriers to effective therapeutic medication for the 34 million Americans who suffer with chronic pain. In a secure facility, through the collaborative model and state-of-the-art technology, MedEx Systems and Pegasus Pharmacy work with physicians to ensure patients are appropriately treated and are able to obtain medications that provide relief quickly, conveniently and cost effectively.

Dr. James Dyess M.D. of the Dyess Pain Clinics stated: "We are confident that the MedEx Systems technology coupled with the Pegasus Pharmacy delivery system will provide the ability to improve compliance issues and eliminate the problems typically associated with hand written scripts such as alterations and duplications." Dr...

...LSU's Pain Mastery Clinic stated: "Since coming on line with MedEx and Pegasus I have been able to reduce the time I spend in processing prescriptions from 3 hours a day down to 15 minutes. This allows me to spend more quality time with and to see more patients."

RTIN Holdings...

28/3,K/5 (Item 2 from file: 613)  
DIALOG(R)File 613: PR Newswire  
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00686417 20011206HSTH017 (USE FORMAT 7 FOR FULLTEXT)  
RTIN Holdings Finalizes Acquisition of MedEx Systems  
PR Newswire  
Thursday, December 6, 2001 08:31 EST  
JOURNAL CODE: PR LANGUAGE: ENGLISH RECORD TYPE: FULLTEXT  
DOCUMENT TYPE: NEWSWIRE  
WORD COUNT: 1,085

TEXT:

...Board: RTIN), announced today, that the final documentation has been executed for the acquisition of 100% of the stock of MedEx Systems Inc. ("MedEx") & Pegasus Pharmacy Inc. ("Pegasus") two privately held New Orleans, Louisiana based corporations. RTIN Holdings is paying the cash equivalent of \$25 Million dollars of post reverse split...

...medical staffs, insurers and patients. The success of the roll out of the MedEx wireless electronic medical prescription writing devices in concert with the automatic fulfillment of prescription drugs at Pegasus Pharmacy in the New Orleans market has positioned the new combined organizations as a market leader in the burgeoning and underserved \$100 billion pharmacy industry. Subsequent to proving the remarkable effectiveness of this new system at Louisiana State University, Tulane University, Veterans Administration Hospital, The University of New Orleans...

...Pain Mastery Center of Louisiana), and East Jefferson General Hospital, the Company is fast tracking expansion into 28 additional major US markets, with 33 new pharmacies scheduled to open in 2002 beginning with Baton Rouge, Longview, Houston and Dallas. MedEx's crown jewel is a unique state-of-the-art electronic...

...practice. The system allows the physician to order and confirm prescriptions in seconds with a few keystrokes, and the secure wireless aspects of the technology automatically updates client files on the fly. At a cost to the physician of approximately \$99.95 per month, the system saves considerable time, reduces errors, which may lower liability insurance costs, and eliminates the burdensome process of telephone verification of prescriptions with pharmacists.

The prescription can be automatically forwarded to a Pegasus Pharmacy for fulfillment. After leaving the physician's office the patient can stop by a Pegasus Pharmacy or arrange to have the prescription delivered. The Pegasus Pharmacy concept is unique. These small facilities containing approximately 2,000 square feet, deal exclusively in filled scripts prescribed by up to 20 physicians in a...

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File 624:McGraw-Hill Publications 1985-2009/Dec 22  
(c) 2009 McGraw-Hill Co. Inc

**? ds**

Set	Items	Description
S1	1095	PRESCRIPTION? ?
S2	10450	DRUG OR DRUGS OR MEDICATION? ? OR RX
S3	185406	ORDER OR ORDERS
S4	115	(S1:S3)(5N)(FULFILLMENT OR FULFILLING)
S5	2237	(S1:S3)(5N)(PROCESS OR PROCESSING)
S6	680	PHARMACY OR PHARMACIES
S7	5870	CHAIN()STORE? OR DRUGSTORE? OR DRUG()STORE OR FRANCHIS? OR

DRUGSTORE? ? OR DRUG()STORE? ?  
 S8 258 WALGREEN? OR CVS OR RITE() (AID OR AIDE)  
 S9 42546 UPDATE OR UPDATES OR UPDATING OR ADJUST OR ADJUSTS OR ADJUSTING  
 S10 172663 ESTIMATE OR ESTIMATES OR ESTIMATING OR ESTIMATING OR GUESS OR GUESSING OR SUGGEST OR SUGGESTS OR SUGGESTION?? OR SUGGESTING OR APPROXIMAT????  
 S11 29521 PREDICT OR PREDICTS OR PREDICTION? ?  
 S12 525 (S9:S11)(5N)(AUTOMATIC OR AUTOMATICALLY)  
 S13 505 (S9:S11)(5N)(COMPUTERIS? OR COMPUTERIZ? OR AUTOMATED OR ELECTRONIC)  
 S14 223 WAIT()TIME? ?  
 S15 63 PROCESS()TIME? ?  
 S16 4 (PICK()UP()TIME? ?  
 S17 20 TRANSACTION()TIME? ?  
 S18 139298 DELIVERY OR DELIVERIES  
 S19 3078 QUEUE???  
 S20 308 ("NO" OR LACK)(1W)(SUPPLIES OR INVENTORY OR INVENTORIES)  
 S21 53 INSURANCE(5N)(AUTHORIS? OR AUTHORIZ???? OR VERIFY???? OR VERIFICATION? ?)  
 S22 8451 BUSY  
 S23 0 AU= (ROBERTS, J? OR ROBERTS J? OR BETSES, D? OR BETSES D? OR JONATHAN(2N)ROBERTS OR DIMITRI(2N)BETSES)  
 S24 2343 S4:S5  
 S25 2 S24(S)(S6:S8)  
 S26 2 RD (unique items)  
 S27 1 S24(S)(S12:S13)  
 S28 1 S27 NOT S26  
 S29 74 S24(S)(S14:S22)  
 S30 69 RD (unique items)  
 S31 44 S30 NOT PY> 2004  
 S32 3 S31(S)(S9 OR S10 OR S11)

26/3,K/1

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0002027238 I033E0500F1D011DCA78CAF2BFBECAAC3

Health-Care Facilities: High Stakes, High-Value Renovations; If you're hoping to do better business in health-care environments, some solid business practices - specific to hospital clients - are essential tools  
 Troy Chapman; author-wrap/author-note.nitf byttl; author-wrap/author-note  
 Troy Chapman is executive project manager of the Health Care Group at Burt-Watts Industries. He can be reached at troy@burtwatts.com.

Texas Construction, v16, n3, p37

Saturday, March 1, 2008

JOURNAL CODE: TC LANGUAGE: ENGLISH RECORD TYPE: FULLTEXT

DOCUMENT TYPE: Magazine SECTION HEADING: Better Business ISSN:  
 1077-1867

WORD COUNT: 685

TEXT:

...general contractor at Seton Medical Center, an Austin-based hospital and health-care facility. Our role was to substantially renovate a 7,000-sq-ft **pharmacy** . The goal was to meet key industry regulations and create an efficient and safe environment for **processing** complex **prescription** medicines while the hospital and medical center remained open. The expanded and redesigned pharmacy incorporated a host of leading-edge technologies and features to maximize...

TABLE:

26/3,K/2  
DIALOG(R)File 624: McGraw-Hill Publications  
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0507839  
DYNATECH CORP. (DYTC, 26, NASDAQ) SPECIAL SITUATION  
Lawrence S. Freitag, CFA  
August 10, 1993  
S&P's Emerging & Special Situations, Vol. 13, No. 8, Pg 5  
August 16, 1993  
JOURNAL CODE: ESS  
SECTION HEADING: SPOTLIGHT RECOMMENDATION ISSN: 0882-5440  
WORD COUNT: 2,309

TEXT:

...supplies the hospital market with sophisticated instruments for checking the electrical safety and performance of instruments such as defibrillators. ComCoTec develops application software for the pharmacy industry. Its RxCLAIM On-Line Transaction Processing System is an on-line prescription< ;/B> claims adjudication system. The third-party prescription claims industry is growing rapidly as prescription drug plans become an increasingly important part of an employee benefit...

TABLE:

28/3,K/1  
DIALOG(R)File 624: McGraw-Hill Publications  
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0684864  
NEW ISSUES - NETSCAPE COMMUNICATIONS IPO  
S&P's Emerging & Special Situations, Vol. 15, No. 7, Pg 12  
July 17, 1995

JOURNAL CODE: ESS  
SECTION HEADING: SPOTLIGHT RECOMMENDATIONS ISSN: 0882-5440  
WORD COUNT: 927

TEXT:

... that is currently available allows users to set up and manage virtual storefronts, essentially permitting the creation of an on-line product catalogue, with an **automatic updating** capability. Customers can browse and query, view pages, add potential purchases to an electronic shopping basket and make purchases from potentially more than one merchant...

...stories, and create HTML pages on the fly in response to user queries by concept or keyword. The IStore would allow a single merchant to **process orders** in a secure environment, and build and manage their own storefront. Next year, authoring tools will be released to help content providers build an online ...

TABLE:

32/3,K/1  
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00849432  
NO HEAVY TRUCKING  
COMPILED BY PAUL PROCTOR  
Aviation Week & Space Technology, Vol. 146, No. 19, Pg 13  
May 5, 1997  
JOURNAL CODE: AW  
SECTION HEADING: INDUSTRY OUTLOOK ISSN: 0005-2175  
WORD COUNT: 81

TEXT:

Air logistics has grown to about a \$200- billion-per-year global industry, according to Boeing **estimates** . About \$40 billion is airport-to-airport freight and express package services, representing 13% of world airline revenues, excluding Russian carriers. The remaining \$160 billion involves ground distribution logistics, including pickup and **delivery**, consolidation, warehousing, inspection and **order processing**, according to David Pierce, regional director of cargo marketing for Boeing.

TABLE:

32/3,K/2  
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0620334  
JAPANESE INSTITUTE DEVELOPS CHEMICAL SYNTHESIS OF BIODEGRADABLE PLASTICS  
Integrated Waste Management, Pg 8  
November 23, 1994  
JOURNAL CODE: WER  
ISSN: 1049-1562  
WORD COUNT: 132

TEXT:

... lactide-methylvalerolactine copolymer, is reportedly suitable for a broad spectrum of applications ranging from ordinary consumer products to agricultural sheets and drug delivery systems.

The **process** involves a ring-opening copolymerization with a lactic acid (L) unit and a methylvaleric acid (M) unit. **Adjusting** the proportion of L and M units provides a wide array of grades. The plastics have proven susceptible to biodegradation in activated sludge and soil...

TABLE:

32/3,K/3  
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0466879  
NYMEX Forced To Close Early Due To Explosion  
Platts Oilgram Price Report, Vol. 71, No. 41, Pg 1  
March 1, 1993  
JOURNAL CODE: POP  
ISSN: 0162-1292  
WORD COUNT: 496

TEXT:

... earlier in the week. Product expiration in March was the focal point of trade, but sources said not all traders may have had time to



**adjust** their positions before the early NYMEX close.  
Ticks on the screen did quicken during the last ten minutes, but traders--  
**busy** checking on last-minute **orders**,  
communicating with NYMEX on **processing** and making sure  
floor brokers had evacuated safely--were unavailable for comment on price  
movements.

